

MATERIAL SAFETY DATA SHEET

Doc. N° 224001 rev.0
Date of issue: 17-03-2007

1 – PRODUCT AND COMPANY IDENTIFICATION

Reference number:	224001
Trade name	SPUTAFLUID
Manufacturer	Biolife Italiana Srl Viale Monza 272, 20128 Milan, Italy. Tel.: 0039 02 25209.1 Fax: 0039 02 2576428 E-mail: biolife@masciabrunelli.it

2 – COMPOSITION, INFORMATION ON INGREDIENTS

Common name	Phosphoric Acid, sodium salt 40-60%
CAS n°	7558-79-4
N.CEE	
Symbol	Xi
Classification	Irritant
Risk Phrases	R36/37/38 Irritating to eyes, respiratory system and skin

Common name	2,3-Butanediol, 1,4-dimercapto-(r*,r*)-
CAS n°	3483-12-3
N.CEE	
Symbol	Xn
Classification	Harmful
Risk Phrases	R20/21/22 (Harmful by inhalation, in contact with skin and if swallowed) R36/37/38 (Irritating to eyes, respiratory system and skin)

3 – HAZARDS SPECIFICATIONS

Most important hazards	The Product is classified as Irritant Xi
Human health hazards: eyes	May cause conjunctival irritation.
Human health hazards: skin	May cause skin sensitisation.
Human health hazards: inhalation	Inhalation may cause pulmonary sensitisation and may cause bronchial spasm in asthma.

4- FIRST AID MEASURES

Eyes	Flush with copious amount of water for 15 min.
Skin	Flush with copious amount of water, then wash thoroughly with soap and water.
Ingestion	Rinse mouth with water.
Inhalation	Move to fresh air. If breathing becomes difficult, call a physician.

5 - FIRE FIGHTING MEASURES

Extinguishing Media	Water spray, foam, dry chemical or carbon dioxide
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6- ACCIDENTAL RELEASE MEASURES

Personal Precautions	Wear appropriate protective clothing
Spill	Sweep up into suitable containers and flush area with plenty of water



7 – HANDLING AND STORAGE

Handling	Handle according to Good Laboratory Practices avoiding dust inhalation. Avoid contact with eyes, skin, and clothing.
Storage	Store at 2-8°C

8- EXPOSURE CONTROLS, PERSONAL PROTECTION

Eyes	Safety glasses or chemical goggles to EN 167 and 168
Skin	Disposable vinyl gloves
Respiratory	Recommended: approved/certified disposable particulate dust mask.

9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Powder
Colour	White

10 – STABILITY AND REACTIVITY

Stability	The product is stable under normal conditions. It is very hygroscopic.
Conditions to avoid	Exposure to direct sunlight.

11 – TOXICOLOGICAL INFORMATION

Acute toxicity of Phosphoric acid,sodiumsalt	LDL50 oral-rat >2000 mg/Kg LDL50 dermal- rabbit > 5000 mg/Kg
Acute toxicity of 2,3-Butanediol, 1,4-dimercapto-(r*,r*)-	LDL50 oral-rat 400 mg/Kg

12 – ECOLOGICAL INFORMATION

Ecological measures	Use according the Good Laboratory Practices. Avoid to disperse the products in the environment.
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13 – DISPOSAL INFORMATION

Disposal information	Dispose in accordance with all applicable local and national regulations.
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14 – TRANSPORT INFORMATION

UN Number	Not classified
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15 – REGULATORY INFORMATION

Risk - R- Phrases	R36/27/38 - Irritating to eyes, respiratory system and skin
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Safety – S – Phrases	S36 – Wear suitable protective clothing S22 – Do not breath dust S24/25 – Avoid contact whit skin and eyes
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Symbol	Xi
Classification and labelling	have been performed according to EU Directive 99/45/EEC.

16 – OTHER INFORMATION

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